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3

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| Application Number | 10/713,374 |
| Filing Date | 11/13/2003 |
| First Named Inventor | Rajen Chanchani |
| Art Unit | 2826 |
| Examiner Name | Alexander O. Williams |
| Attorney Docket No. | SD7151/S98758 |

ENCLOSURES (check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
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| <input type="checkbox"/> Reply to Missing Parts Under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|------------------------------|----------|---------------|
| Firm Name | Sandia National Laboratories | | |
| Printed Name | Kevin W. Bieg John P. Hohman | | |
| Date | 9/19/05 | Reg. No. | 40,912 39,226 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 145, Alexandria, VA 22313-1450 on the date shown below:

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Martha Trujillo

9/19/05

Typed or Printed name

Martha Trujillo

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 3 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chanchani

Group: 2826

Serial No.: 10/713,374

Paper No.:

Filed: 11/13/2003

Examiner: Alexander O. Williams

For: Heterogeneously Integrated System-on-a-Chip

RESPONSE TO RESTRICTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants have carefully reviewed the Office Action mailed 9/1/05, submit the following in complete response thereto, and request reconsideration of the claims presented.

REMARKS

In further support of the Claims presented, Applicants provide the following discussion.

The Office issued a restriction requirement:

- I. Claims 1-12, drawn to a micro-system on a chip.
- II. Claims 13-16, drawn to a method for fabricating a plurality of microsystems on a chip.

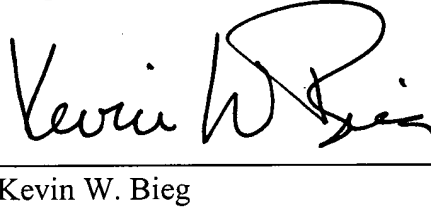
ELECTION

Applicants elect the **Invention I**, without traverse. Claims 1-12 all read on and comprehend a microsystem on a chip.

CONCLUSION

Applicant has responded to each and every requirement and urge that the claims as presented are now in condition for allowance. Applicants request expeditious processing to issuance.

Respectfully submitted,



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CERTIFICATION UNDER 37 CFR 1.8

I hereby certify that this correspondence and documents referred to herein were deposited with the United States Postal Service as first class mail addressed to: Commissioner for Patents, Alexandria, VA 22313 on the date shown below.

Date: 9/19/05 By: Martha Trujillo